From boatanchors@theporch.com Sun Apr 30 20:26:23 1995
Date: Sun, 30 Apr 1995 18:59:25 -0500
Message-Id: <9504300100.AA12303@kali>
From: Andy Wallace <wallace@mc.com>
Subject: 3-band SSB (National NCX-3)

Speaking of 3-banders... I have an opportunity to get a National NCX-3 from a local ham friend. How is this rig? Any bugs to watch out for, weird rare tubes, missing features? I like the style of the rig, but then if I do get it, it would be the newest National in the shack; I mean youngest! <grin>

I also like the digital odometer dial of the NCX-5.

--Andy

From boatanchors@theporch.com Sun Apr 30 20:18:27 1995
Date: Sun, 30 Apr 1995 18:51:28 -0500
Message-Id: <950429193855_74723.2416_EHL64-1@CompuServe.COM>
From: "Linton G. & Cheryl K. Robert" <74723.2416@compuserve.com>
Subject: Apache/Mohawk Twins for sale

Have a set of Heathkit twins, the Mohawk and the Apache receiver/transmitter combo w\ssb adapter, docs, etc....both in pretty fair shape...they were running as late as January....would prefer someone in So. Calif to come and pick them up, if possible! The XMTR is 100Lbs, and I barely can move it alone! $65 and it's all yours.

-Lin Robertson (San Diego)

CompuServe 74723,2416

From boatanchors@theporch.com Sun Apr 30 18:09:19 1995
Date: Sat, 29 Apr 1995 03:59:24 -0500
Message-Id: <199504290417.XAA07844@zoom.bga.com>
From: Henry van Cleef <vancleef@bga.com>
Subject: Boonton RX meter--arrrgggh!

Well, I got that RX meter cleaned up, ohmed out, fired up, and it worked just fine. For a while.

The 6H-6 ballast tube gave up the ghost. I checked the voltages and currents around it, and they were all as predicted. But it gave up anyway after about a half hour, when I was starting to actually make some measurements.

Well, whadda we do now, folks. The circuit is this:

13.5 volt (nominal) heater winding on the power transformer---puts out a measured 14 volts under load.

There are three tube heaters in parallel. Two 5718 solder-in "peanut" tubes in the local oscillator, rated at 6.3 volts 150 ma, and one 6AG5, rated at 6.3 volts 300 ma. That is a total load at 6 volts of 600 ma.

The 6H-6 is in series with the heaters, in series with a 0.68 ohm resistor. That circuit is shunted by 220 and 120 ohms in parallel.

I figure that shunting this with about 20 ohms will give me an effective 15 ohms, dropping about 9 volts. However, the tube circuit with the tubes cold measures 2 ohms, which means that voltage across those heaters at turn-on would be something under 2 volts. I suspect the tubes will take forever to come up to temperature using a fixed resistor (these calculations are approximate, by the way).

The alternative seems to be to wire the two 5718 heaters in series, and wire the second 6AG5 in series with the first, and use a 3.3 ohm resistor to put the heaters under 12.6 volts. I suspect the reason for using the ballast tube was to slow the warmup and limit warmup current in the 5718's, Opening up the oscillator box and rewiring the tubes is major surgery, and not neat.

Anybody know where I can get a new Amperite 6H-6 ballast? Any other ideas floating around?
--
****
Hank van Cleef vancleef@bga.com vancleef@tmn.com
****

From boatanchors@theporch.com Sun Apr 30 19:02:00 1995
Date: Sun, 30 Apr 1995 17:35:09 -0500
Message-Id: <Pine.3.89.9204290828.A17079-0100000@mm1001.theporch.com>
From: Kevin J Pease <kevin@mm1001.theporch.com>
Subject: Re: Boonton RX meter--arrrgggh!

Is there room inside for a small 6.3 volt transformer. The surrent draw is pretty low. The transformer could be pretty small

Kevin J Pease
WB0JZG Mt Juliet, TN.
mm1001.theporch.com

From boatanchors@theporch.com Sun Apr 30 18:43:18 1995

Date: Sun, 30 Apr 1995 17:16:26 -0500
Message-Id: <199504291144.GAA00355@uro.theporch.com>
From: bgraham@tecnet1.jcte.jcs.mil
Subject: Re: Buy receivers, build transmitters, philosophy

Well, I wasn't around before WWII but my first ham reeiver was a Heath HR10andmy first xmitter was a handbook design. Wish I still had both. Sold the receiver my first trip to Dayton and gave the xmitter to a young novice.

73

Bill

From boatanchors@theporch.com Sun Apr 30 22:56:09 1995
Date: Sun, 30 Apr 1995 21:29:12 -0500
Message-Id: <199505010154.SAA12520@netcom2.netcom.com>
From: rmccarty@netcom.com (roger mccarty)
Subject: Collins 30L1; Value?

I may have a line on a number of 30L1's (winged emblem). I have yet to confirm, but intend to drive to see them on short order. Can someone help me with a value on these units? Also, if anyone else is interested, I will e_mail condition and price once I have had the opportunity to check them out.

Roger KD6CC

From boatanchors@theporch.com Sun Apr 30 21:00:13 1995
Date: Sun, 30 Apr 1995 19:33:15 -0500
Message-Id: <Pine.SUN.3.91.950430083528.16157A-100000@coyote.rain.org>
From: "Ray L. Mote" <rmote@rain.org>
Subject: COMMAND SET Demonstrator Boards

The text SIGNAL SECTION, AIR SERVICE COMMAND, CIVILIAN MAINTENANCE TRAINING, BASIC RADIO INSTRUCTOR MANUAL VOLUME 1 shows SCR-274-N "Demonstrator Boards" used in maintenance training. The receiver board required stripping a BC-454 and its BC-450 remote control; the transmitter board required a BC-457, the BC-451 control, BC-442 antenna relay, and BC-456 modulator. The new instructor was supplied with two 28 by 44-inch printed covers with large schematics, and was apparently expected to take them back home, acquire matching 1/4-inch sheets of plywood, and build the demonstrators. Important components (tubes, i.f. cans, tuning capacitor, bypass capacitors, dynamotor, etc. were mounted on the face of the board. The remainder of the components were installed on the back and wired in. The schematic had test points embedded at both ends of each component, sometimes with short jumpers that could be disconnected to show the effect of an open component. They used black bakelite flange pin jacks, Eby No. 52, ARBCO No. 138, Mallory No. 521, "or similar" and bakelite handle test pins to fit the jacks, to accomplish this.

Has anyone ever seen one of these boards? Or maybe just the print for one? That would be a helluva neat way to present Command Sets! What a start for a Command Set training video (hint...hint...for you video tech freaks).

Ray Mote, W6RIC (805) 985-6048

From boatanchors@theporch.com Sun Apr 30 19:33:30 1995
Date: Sun, 30 Apr 1995 18:06:31 -0500
Message-Id: <Pine.SUN.3.91.950429073442.10401A-100000@coyote.rain.org>
From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: COMMAND SET DOCUMENTATION

The following list is incomplete, but it ought to get you started in the right direction:

AN 08-10-195	HANDBOOK OF MAINTENANCE INSTRUCTIONS FOR MODEL AN/ARC-5 AIRCRAFT RADIO EQUIPMENT, VOLUME 2 VHF COMPONENTS, 15 APRIL 1944
AN 16-30ARC5-2	HANDBOOK OF MAINTENANCE INSTRUCTIONS FOR MODEL AN/ARC-5 AIRCRAFT RADIO EQUIPMENT LF MF HF COMPONENTS, 23 FEBRUARY 1944, REVISED 15 JUNE 1945
NAVAER 08-5Q-95	HANDBOOK OF OPERATING INSTRUCTIONS FOR MODEL AN/ARC-5 AIRCRAFT RADIO EQUIPMENT, 21 FEBRUARY 1944
T.O. 08-10-50	INSTRUCTION BOOK FOR OPERATION AND MAINTENANCE OF RADIO SET SCR-274-N, 15 FEBRUARY 1943
T.O. 16-40SCR274-5 (old T.O. 16-10-50)	RADIO SET SCR-274-N, 15 FEBRUARY 1943
(no number)	FIRST EDITION OF FINAL INSTRUCTION BOOK FOR MODEL ATA AND MODEL ARA AIRCRAFT RADIO TELEGRAPH AND TELEPHONE TRANSMITTING AND RECEIVING EQUIPMENT, Aircraft Radio Corporation, Boonton, NJ, Contract NOs-74912, dated June 29, 1940
(no number)	SIGNAL SECTION, AIR SERVICE COMMAND, CIVILIAN MAINTENANCE TRAINING, BASIC RADIO INSTRUCTOR MANUAL, VOLUME 1, dated 20 August 1943. (Printed at Wright Field 8/7/43 in 500

	copies)
NAVAER 08-1-504	AIRBORNE RADIO MAINTENANCE NOTES (RESTRICTED section), dated 1943
NAVAER 08-1-505	AIRBORNE RADIO MAINTENANCE NOTES (CONFIDENTIAL section), dated November 1945

In general, check the T.O. 00-1 series for Air Corps equipment, and NAVAER 00-500 (available at high cost from the National Archives) for airborne Navy equipment. Signal Corps document lists can be found in a microfiche series (M-1641 I think) from the National Archives -- the series is 39 reels long, but you only need the first three for WW2, and they're available singly. The T.O. 16-55- series is spare parts list for equipment (not all that useful). Also see:

NAVAER 16-5Q-517	ELIMINATION OF RADIO INTERFERENCE IN AIRCRAFT, dated 1 March 1946.
T.O. 16-40-2	REDUCTION OF PRECIPITATION STATIC - SCR-183 SERIES, SCR-283 SERIES, SCR-274-N, BC-348-J, BC-348-N, AND BC-348-Q, dated 16 March 1945.
T.O. 30-20FC-2	INSTRUCTOR GUIDE, GENERAL AIRBORNE RADIO MAINTENANCE, dated 1 June 1944. (SAAMA - the San Antonio Air Materiel Area reprinted this in 2,000 copies in 1948)
(no number)	AIRCRAFT RADIO, by Aircraft Radioman Training Unit, Fleet Air Wings Atlantic Fleet, undated.
(no number)	AIRCRAFT RADIO (First Edition), Radio Materiel School, Naval Research Laboratory, Anacostia Station, dated 20 August 1936.

The Philco TechReps had a series of bulletins available to them in the field, covering a wide range of equipment. I recall seeing the AN/ART-13 in there, but not Command Sets. It is possible that these were also covered (my collection is woefully incomplete/inadequate).

From boatanchors@theporch.com Sun Apr 30 19:56:11 1995
Date: Sun, 30 Apr 1995 18:29:13 -0500
Message-Id: <Pine.SUN.3.91.950429082337.16240A-100000@coyote.rain.org>
From: "Ray L. Mote" <rmote@rain.org>
Subject: COMMAND SET DOCUMENTATION

This really addresses both your question and N5OFF's query, so will combine.

Gordon Elliot White (still alive and kicking, chasing antique racing cars the last I heard) wrote a number of articles dealing with various aspects of Command Sets:

CQ MAGAZINE articles:

Nov 64	The Command Set Story
Oct 65	Command Sets
Mar 66	Surplus - ARR-2, ZB, etc.
Jan 67	Command Sets for All Frequencies
Mar 67	Surplus Korean War Sets
Apr 67	Surplus (Converting the R-23)
Jun 68	Surplus (Lorenz conversion)
Sep 68	Surplus (the T-11B)
Dec 70	Surplus (mentions the Lewyt production of Command Sets for the Korean War)
Sep 71	Surplus (VHF Command Sets)
Apr 72	Surplus (More VHF Command Sets)
May 72	Surplus (More on VHF Command Sets)
Mar 75	Surplus (Command Set History)
Apr 75	Surplus (ARC-5 Transmitters)
Aug 75	Surplus (pin connections for Command Sets)

73 MAGAZINE:

Feb 66	C-131/AR ARC-5 Autotune setup
Jun 66	First And Last Q-5'er

Additional military documentation I forgot to list in my last post:

T.O. 12R2-3SCR274-14 Spare Parts List for SCR-274-N (formerly T.O. 16-55-109), dated 25 November 1944, revised 3 December 1951, reprinted 7 November 1956. Wish I had a copy.

T.O. 12R-3SCR274-2 Handbook of Maintenance Instructions, SCR-274-N (formerly T.O. 16-40SCR274-5), dated 15 February 1943, revised 25 July 1956, reprinted June 1961. (Would love to have this one also!)

From boatanchors@theporch.com Sun Apr 30 20:41:59 1995
Date: Sun, 30 Apr 1995 19:14:54 -0500
Message-Id: <Chameleon.4.01.2.950429225914.jproc@>
From: jproc@worldlinx.com
Subject: Command Set Documentation

Jack,

I'm not sure of exactly what original documentation you are seeking but I have the B24 Liberator Radio Systems Service and Installation Manual from 1942. I was going to donate it to a museum, but I changed my mind as I felt it might be potentially useful to field Command and Liason Set questions that may arise from the group. There are 21 pages in the Command Set section (SCR-274), 4 of which are fold out pages. Here is a description of the fold outs:

Command Receiving Equipment - Shows the schematic of the BC455 with a parts list and the interconnections to the BC 450 Control Box.

Command Transmitting Equipment - Shows the schematic of the BC45x transmitter and has a parts list for the BC457, 458, 459. Has schematics and interconnections between the BC45x transmitter, the BC451 control box, BC 456 modulator, and BC442 antenna relay unit.

Command Set Cording Diagram - Shows the interconnections between all the componets of a Command Set System.

Cords and Tuning Shaft drawing.

The rest of the pages contain operating instructions as if you were actually in the aircraft. There are no alignment instructions in this book for Command Set equipment. If you, or any other members in the group might find this material useful, drop me an E-mail so I can do a head count. If there is enough interest, I can get a package made up and it should cost $5 US or less to cover copying and postage. I must forewarn everyone that the printing in the book is very close to the binding, so one edge of the copy will have curvature. I must handle this book with great care for the obvious reasons.

Regards,

Jerry Proc   VE3FAB
E-mail: jproc@worldlinx.com
Radio Restoration Volunteer
HMCS Haida Toronto, Ontario

From boatanchors@theporch.com Sun Apr 30 18:52:39 1995
Date: Sun, 30 Apr 1995 17:25:49 -0500
Message-Id: <199504291145.GAA00363@uro.theporch.com>
From: bgraham@tecnet1.jcte.jcs.mil
Subject: Re: Cubic/Mil ham gear

Interestingly enough, many National Guard armorys in many states used to have HF rigs and run HF contingency nets. A lot of them had Swan/Cubic xcvrs of the standard ham kind.

When I worked at our Ft Lewis regional office I had requests for the Guard maintenance shops in a couple of states asking for parts info or manufacturer address... and as I remember there is a successor company for Swan that still has manuals (but I don't have the info here in Germany with me).

Bill

(soory about editing, line is noisy today)

From boatanchors@theporch.com Sun Apr 30 21:27:54 1995
Date: Sun, 30 Apr 1995 20:00:56 -0500
Message-Id: <799283172.9005472@AppleLink.Apple.COM>
From: FRANCIS4@AppleLink.Apple.COM (Francis, Dexter)
Subject: Drake VFO output

While we're on the subject of modifing Drakes, has anyone seen any info on adding the capability to patch the VFO from the SPR-4 to a 4 series TX? There are "extra" holes in the back panel on the SPR-4, but mine aren't populated.

-df

From boatanchors@theporch.com Sun Apr 30 18:41:22 1995
Date: Sat, 29 Apr 1995 05:41:52 -0500
Message-Id: <9504290154.AA17938@mirage>
From: mirage!pamars@uhura.neoucom.EDU (P.A.Marshall)
Subject: RE: EchoPhone Radios??

> I am now trying to find any information that anyone might have regarding
> an old Echophone receiver that I am going to try and restore.

I have the riders for almost all Echophone sets (there are over 40 of them) but you are going to have to give a little more info in order to pin the set down, whats the tube line up for starters?

Al Marshall   "Real Radios Glow in the Dark"   almarshall@acm.org

"You road I enter upon and look around, I believe
          you are not all that is here,
     I believe that much unseen is also here."

From boatanchors@theporch.com Sun Apr 30 19:11:00 1995
Date: Sun, 30 Apr 1995 17:44:09 -0500
Message-Id: <9504291139.AA18380@mirage>
From: mirage!pamars@uhura.neoucom.EDU (P.A.Marshall)
Subject: RE: EchoPhone Radios??

Gable, Edward M writes:
>
> Dave: There are two Echophone series. One is a series of three
> metal cased shortwave/Ham receivers of very late 30's and 1940's,
> there were models EC-1, EC-2 and EC-3. The other series were
> early battery operated broadcast radios of the 20's. Which do you
> have ? I have all three EC's in my colection and some docs.
>

This exchange promped me to do a little research on Echophone, of course we all know about the EC-1, EC-2, EC-3, Moore also mentions the EC-4, EC-6, EC-113, but Sams also lists the following: EC-306, EC-403/4, EC-500, EX-102/3, EX-306 (same photofact as EC-306), and lastly, in 1957 the TR-11. These are all Hallicrafter sets, in addition Rider lists 39 (if I counted correctly) pre-Hallicrafter sets.

Al Marshall   "Real Radios Glow in the Dark"   almarshall@acm.org

"You road I enter upon and look around, I believe
          you are not all that is here,
     I believe that much unseen is also here."

From boatanchors@theporch.com Mon May 1 00:05:24 1995
Date: Sun, 30 Apr 1995 22:38:26 -0500
Message-Id: <199505010318.UAA25581@hobbes.UCSC.EDU>
From: haynes@cats.ucsc.edu (Jim Haynes)
Subject: horrid thought

Just recently I was saying we need to think about how we are going to keep the boatanchors alive when vacuum tubes are no longer available. Well today it came to me in a flash. A round package with a plug on one end, and inside are one or more A/D converters, a microprocessor, one or more D/A converters, and I'm still not sure what kind of part that can stand a few hundred volts. Maybe some kind of D/A built on the chip of power FETs. And a power supply to run it all.

Gee, we could make one of these with a transfer function identical to that of a 300-B triode. Would the audiophiles be able to hear the difference?

From boatanchors@theporch.com Sun Apr 30 20:11:03 1995
Date: Sun, 30 Apr 1995 18:44:04 -0500
Message-Id: <950429151636_100821993@aol.com>

From: Jodaanve@aol.com
Subject: Items for sale-need pricing

I have a number of items for sale, but first need to establish fair market prices. Most of these units are from a fellow ham who is in poor health and has requested that he not be involved in their disposal. To conserve bandwidth, information on pricing, offers to purchase,or requests for further information should be sent via e-mail to jodaanve@aol.com. Once a fair market value is established, the best offer will be accepted and individuals contacted to arrange for payment and preferred method of shipment. This is not an auction! Requests for best current offer or multiple bids on the same items by the same individual will be ignored. With your help, I will be able to liquidate this equipment quickly and fairly.

EQUIPMENT FOR SALE:

DRAKE R4A RECEIVER GUD CONDX W/MANUAL
DRAKE 2NT XMITTER VG CONDX W/SCHEMATIC
KNIGHT V107 2/6M VFO VG W/MANUAL
HEATH HO-13 PANARAMIC ADAPTER VG W/MANUAL
JOHNSON NAVIGATOR XMITTER NEEDS METER W/MANUAL
JOHNSON MODEL 122 VFO MODIFIED
HRO MODEL 5 DIAL DRIVE MECHANISM AND CAPACITORS
2 COLLINS DIAL MECHANISMS MAY BE FOR 32V/75A1?
STANCOR ST-202 CW XMITTER VG W/20,40,80M COILS/MANUAL
HALLICRAFTERS HA-5 VFO VG W/MANUAL

I am also interested in buying or would consider a trade for a clean Hammurlund HQ-100 and would like to thank everyone in advance who responds with offers or pricing information.

Dave Milke- WB9EGZ

From boatanchors@theporch.com Mon May 1 00:28:45 1995
Date: Sun, 30 Apr 1995 23:01:48 -0500
Message-Id: <199505010353.WAA26156@quake.xnet.com>
From: mshaum@xnet.com (Mark Shaum)
Subject: Leakage in IF cans?

Ran into an interesting problem with my R-100A this weekend. After the usual cleaning/oven bake etc, the AM detector ceased to function properly. Some investigation showed that the primary of the last 455khz IF can apparently had a leakage path of some sort to the secondary. With the secondary open circuited, the winding would rise to the same DC potential as the primary (180V, the plate voltage of the last IF amp).

My usual DVM didn't show any sort of resistance between windings. I eventually found something in the order of 2M leakage between the secondary and an internal rivet which passed through the plastic base of the IF can. The base contained the resonating capacitors for the primary and secondary. More cleaning/aerosol spraying/forced air drying followed.

While the situation improved to the point where only my HP 412 shows any resistance leakage, (and on the highest ohm range you can breathe on probes a quarter inch apart and see a change..a good chopper-equipped volt/ohmmeter is nice to have around..), I still have a positive voltage feeding through that upset the normal negative bias on the detector/agc/anl diodes.

Not having any easily used spare 455 khz transformers, I wimped out and isolated the secondary with .1 uf caps and installed an RFC to complete the dc loop for the detector diode. The detector now functions properly, but I seem to have problems with the AGC..swinging the AGC voltage from 0 to -11V (about max range with a strong broadcast sig) barely decreases the receiver gain at all. The tube plate/screen voltages are about normal in all cases, with the RF, mixer and IF chain. The IF section did mostly operate properly prior to circuit board removal and cleaning, although the agc didn't handle extremely strong signals well.

Something tells me I'm barking up the wrong tree here, so I'm passing this out for comment. Anybody have experience with this sort if transformer leakage or problems with the AGC not having any much even when the voltages seem ok? The circuit is one of the variants of the ever-popular triple diode detector/agc/anl circuits, with the detector and agc rectifiers used as shunt rather than series diodes. Ideas?

Thanks in advance! - Mark, NE9G

From boatanchors@theporch.com Sun Apr 30 21:07:47 1995
Date: Sun, 30 Apr 1995 19:40:49 -0500
Message-Id: <Pine.SUN.3.91.950430101452.27125A-100000@coyote.rain.org>
From: "Ray L. Mote" <rmote@rain.org>
Subject: Military equipment manuals (problems finding)

While it's on my mind (and I have a short attention span):

It's tough enough finding a manual for old military gear when the manufacturer's name is on the nameplate and the manufacturer is still doing business under that name (hasn't been gobbled up by a bigger fish). What do you do when the name has been replaced by some weird code?

During WW2, the Navy used the Manufacturers Designator Code to identify the maker of a particular piece of equipment. They started with two-letter codes, went to three letters prior to WW2, and into the 4-letter codes before the end of the war. All of these codes for commercial companies began with the letter "C". For example: RCA was "CRV", Collins was "COL", Westinghouse was "CAY", Hewlett-Packard was "CAQI", etc. This was later called the "Khaki" code (probably after an attempt to pronounce the code for Hewlett-Packard (?), according to my wife (who issued tech manual identification numbers for the Navy). I've seen these codes on Signal Corps nameplates also, so don't get the idea that the Navy was the only organization using them! One other minor point: the Government also had a few codes with either "R", "G", or "C" as the first letter. These were the Signal Corps laboratories, Naval Research Lab, etc.

The Khaki Code was eventually replaced by the Federal Supply Code of Manufacturers (FSCM - pronounced "fiskum"), which was a five-character alphanumeric code. The FSCM was fairly recently (within the last ten years?) renamed as the Contractor and Government Entity (CAGE - at least that one is pronounceable!), and is currently in use. There did not appear to be any change in content, just the name. Unfortunately, the CAGE is currently published as an inch-thick stack of microfiche sheets. It would probably cost an arm and a leg to obtain, AFTER you file a Freedom of Information Act request. My wife informs me that the CAGE may be out in CD-ROM by now, as with many other documents.

Good luck tracking down manufacturers. One trick that some large companies used when they didn't want to be hassled about gear years afterward was to create a subsidiary, get a FSCM or CAGE assigned, get contracts & furnish the products, then kill off the subsidiary! Result: you CAN'T get there from here. No way to get a manual from a now nonexistent company.

From boatanchors@theporch.com Sun Apr 30 18:26:33 1995
Date: Sat, 29 Apr 1995 02:00:30 -0500
Message-Id: <Chameleon.4.01.2.950428233634.jproc@>
From: jproc@worldlinx.com
Subject: RE: Nomenclature systems

> And of course the parts of a set have some designation like
>Cxxx-nnnnnnnn.
>
>The FAA system seems to be Rx-n or Rxx-n for receivers, maybe it's Tx-n
>for transmitters, and CA-nnnnnn for all kinds of miscellaneous things.

Jim,

Lets see if I can add my 2 cents here. Take for example, a piece of gear with the 'accounting number' CRV-46155. Here is the decode:

```
          C          RV          -  46            155

          ^           ^                             ^
       Contract   Contractor    - Type of       Serial
                     Code         Apparatus      Number

           RV= RCA Victor         46= Receiver
           OL= Collins            52= Transmitter
           AY= Westinghouse       20= Power Supply
           ND= Andrea Radio       etc...
           NA= National
           MX= Magnavox
            etc...
```

This is all that I have, and I'm sure that there is more to it.

While on the subject of nomenclature, the Royal Canadian Navy, in one of its 1963 radio training manuals, made reference to a certain UHF transmitter as AN/TED3 instead of TED3. Using the AN naming system, this decodes to mean that it was a : ground transportable, nuclear powered, direction finder. :-):-)

BTW in the AN system, any number in the 500 series is Canadian equipment only.

ie AN/SRC501 was a Canadian HF transceiver.

Regards,

Jerry Proc   VE3FAB
E-mail: jproc@worldlinx.com
Radio Restoration Volunteer
HMCS Haida Toronto, Ontario

From boatanchors@theporch.com Sun Apr 30 20:34:19 1995
Date: Sun, 30 Apr 1995 19:07:22 -0500
Message-Id: <Chameleon.4.01.2.950429232144.jproc@>
From: jproc@worldlinx.com
Subject: RE: Nomenclature systems

You said:

>If we ever get around to putting together an FAQ file or INFO file for this
>list, one thing that can go in there is a bunch about nomenclature systems.

Jim,

Some of this information already exists in the MILLIST file maintained by Larry O'Laughlin, so it might be a slight duplication of effort. Why don't we as a group, thrown in our tidbits to the MILLIST and get it beefed up?. I've just sent a sizeable contribution to the list myself.

The rest of your message about nomenclature was great. Now I know what SCR means. You have just planted seed, keep it growing.

Regards,

Jerry Proc   VE3FAB
E-mail: jproc@worldlinx.com
Radio Restoration Volunteer
HMCS Haida Toronto, Ontario

From boatanchors@theporch.com Sun Apr 30 23:54:09 1995
Date: Sun, 30 Apr 1995 22:27:11 -0500
Message-Id: <Pine.SUN.3.91.950430200144.9399C-100000@coyote.rain.org>
From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: Nomenclature systems

If you'll hang in there, your questions will be answered. I've had an article in to ER for about two years now that defines all three major nomenclature systems used during WW2 (with the exception of the Navy Mark/Mod system which was used in weapon systems). It runs 13 pages, and Barry is quite understandably reluctant to publish it in one shot; he'd like to break it up into installments. Walt Hutchens provided the peer review, and concurs with Barry. I haven't had the time to rework it into three sections, and am about ready to concede that any way he wants to work it out is fine with me. (13 pages would, with the normal classified in each issue, occupy half an entire issue! No wonder he'd like to break it up. I don't blame him a bit.)

The article contains detailed tables listing both the prefixes and their meanings for all part designators in all three systems. That level of detail is of absolutely no interest to the average (non-military-oriented) BA'er. It is of intense interest to collectors of military gear. Someone (usually the publisher) has to make a tough decision. Glad it's not me.

Ray Mote, W6RIC (805) 985-6048

From boatanchors@theporch.com Sun Apr 30 19:19:47 1995
Date: Sun, 30 Apr 1995 17:52:56 -0500
Message-Id: <Pine.3.89.9504290926.A20915-0100000@ozarks>
From: "C. Frank Gilmore" <fgilmore@ozarks.sgcl.lib.mo.us>
Subject: Re: SSB history (Was: Re: Swan ssb transceiver)

Well we must not forget the absolutely worse thing Eico ever put out, the 753 transceiver. I sold three of the &^*(things and spent weeks trying to make them work after the owners built them. Even at best they were terrible. The Eico rep finally got a factory authorization for me to refund money to all three of the customers and ship the things back to the factory. He said it might mean the end of Eico....he wasn't far wrong.

73,
Frank
de K0JPJ ex-W5PVX ...-.-

From boatanchors@theporch.com Sun Apr 30 20:03:17 1995
Date: Sun, 30 Apr 1995 18:36:19 -0500
Message-Id: <Pine.SUN.3.91.950429125612.24922A-100000@booz.bah.com>
From: k1zat@bah.com
Subject: Wanted --

Does anyone have a Swan TB-4H or TB-3H beam available for parts? They were made in the late 60's/early 70's.
I need the boom to element mounting for the driven element.

jd

From boatanchors@theporch.com Sun Apr 30 19:41:17 1995
Date: Sun, 30 Apr 1995 18:14:20 -0500
Message-Id: <199504291529.IAA24793@netcom9.netcom.com>
From: rmccarty@netcom.com (roger mccarty)
Subject: WRL Galaxy Questions

Are there any Anchorites experienced with the GALAXY line of transceivers?

I have 6 of them, from the Galaxy V original to the GT-550A that I am trying real hard to restore, and it seems that each has the same problem of low receive sensitivity. I wonder if there is a common malady that I should be aware of that someone could help with?

In lieu of direct experience with the Galaxys, I am still learning the RF

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troubleshooting techniques, and fall short in knowledge of what kind of
gain to expect from each stage. ANybody gota rule of thumb?

In lieu of that, guess I'm gonna have to read <grin>

Thanks

Roger KD6CC


From boatanchors@theporch.com  Sun Apr 30 20:49:51 1995
Date: Sun, 30 Apr 1995 19:22:53 -0500
Message-Id: <Pine.3.89.9504300053.A24154-0100000@netcom13>
From: "Hal R. Waite" <halwaite@netcom.com>
Subject: WTB: HP 410C VTVM with RF Probe Intact

Looking for the above model or perhaps an earlier one if the price is right.
My boatanchors need troubleshooting on the receive AGC line.

Hal  K4GFI/7  Las Vegas  halwaite@netcom.com


From boatanchors@theporch.com  Sun Apr 30 19:48:49 1995
Date: Sun, 30 Apr 1995 18:21:51 -0500
Message-Id: <Pine.SUN.3.91.950429083404.16240B-100000@coyote.rain.org>
From: "Ray L. Mote" <rmote@rain.org>
Subject: WW2 docs needed

Anybody have/seen the following?

T.O. 16-1-48  AIRCRAFT RADIO AND RADAR EQUIPMENT - PLUGS AND SOCKETS,
              dated 19 November 1943 (or any date!)

C.O. 16-35ID56-21  MODIFICATION TO PROVIDE FOR OPERATION IN CONJUNCTION
              WITH NOSMEAGLE EQUIPMENT - ID-56/APQ-7, dated 31 July 1945.
              (I've always wondered what an "Interim Nosmeagle" was, since
              seeing reference to a spare parts list for it!  What a
              wonderful, weird creature a Nosmeagle must be....)

T.O. 16-40RC55-2  MAINTENANCE INSTRUCTIONS, RC-54-B AND RC-55-B (This was
              the single-meter/function switch version of the Command Set
              test sets!)

T.O. 16-40RC55-3  MAINTENANCE INSTRUCTIONS, RC-54-C AND RC-55-C (Another
              single-meter version of the above).  I NEED DOCS FOR MY
              METERS!!

T.O. 16-45-42  APPLICATION OF JOINT ARMY-NAVY NOMENCLATURE MARKING -
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ATC AND ATC-1, dated 12 March 1945. (Presumably, they remarked these to read AN/ART-13.)

Can anyone help? Ray Mote, W6RIC (805) 985-6048.